

MyWirelessTV3 4K Wireless HD Connection Kit

Model#: MWTV3TX & MWTV3RX

Serial Model Name: MWTV3KIT

User Manual

V0.01

Applied to
4K Wireless HD Connection Kit
MyWirelessTV3 Wireless HD Transmitter
MyWirelessTV3 Wireless HD Receiver

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FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radiofrequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. Use only the supplied antenna.

FCC ID: LNQMWT3TX
LNQMWT3RX

Part I. Introduction

Thank you for purchasing MyWirelessTV 3. This product will allow you to transmit high-definition content from a set top box, gaming console, or other source with an HDMI port, to an HDTV monitor in another location, without lag or picture quality loss. It allows you to view movies and television programs in two different locations at the same time, without wires, or play a game on a television in one room, while the gaming console resides in another.

This user manual will take you through the procedures needed to connect, configure, and enjoy MyWirelessTV, and also describe a few different possible scenarios concerning setup locations.

1.1. Minimum System Requirements

- HD set top box, gaming console, or computer equipped with HDMI output port
- HDTV monitor with HDMI input

1.2. Package Contents

Contents in the package are listed below:

- (1) Wireless HD Video Transmitter
- (1) Wireless HD Video Receiver
- (2) Power Adapter
- (2) High-speed HDMI 1.4 Cable
- (1) IR Blaster Cable (for Transmitter)
- (1) IR Receiver Extension Cable (for Receiver)
- (1) Velcro mounting pad kit (for Receiver)
- Documentation

1.3. Getting To Know MyWirelessTV 3

This section contains a quick overview of MyWirelessTV, including all ports and LEDs on both the MyWirelessTV Transmitter and Receiver.

1.3.1. MyWirelessTV 3 Transmitter

The MyWirelessTV 3 Transmitter features five ports (Power, **HDMI Input**, **HDMI Out to TV**, **IR Transmit**, **USB**), one button (**SELECT**), and one LED (**LINK**).



- **LINK** LED. The **LINK** LED is used to display the state of pairing between the Transmitter and Receiver. If it is blinking or off, the Transmitter is not paired with any Receiver. If it is glowing steadily, it has paired with a Receiver.
- **SELECT** button. The **SELECT** button is used to pair with a Receiver. *This is only required for connecting to another Receiver.*
- **USB** port. The **USB** port is used to connect a USB flash drive to the Transmitter when a

firmware update is available. See "错误！未找到引用源。" for more details.

- Power port. The **5V DC / 2A** power port is used to connect the Transmitter to a power source.
- **HDMI Input** port. The **HDMI Input** port is used, via an HDMI cable, to connect the Transmitter to an HDMI source (set top box, Blu-ray player, gaming console, etc.).
- **HDMI Out to TV** port. The **HDMI Out to TV** port (a pass-through port) is used, via an HDMI cable, to connect the Transmitter to a local HDTV to allow continued video viewing on the monitor located nearest to the Transmitter. Connection to this port is optional.
- **IR Transmit** port. The **IR Transmit** port is used to connect the IR Blaster cable to the Transmitter, enabling the use of the source device remote control in tandem with MyWirelessTV.

1.3.2. MyWirelessTV 3 Receiver

The MyWirelessTV 3 Receiver features four ports (Power, **HDMI Out to TV**, **IR Ext**, and **USB**), two buttons (**MENU** and **SELECT**), and three LEDs (**MODE**, **LINK**, and **POWER**).





- **LINK LED.** The **LINK** LED is used to display the state of pairing between the Transmitter and Receiver. If it is blinking or off, the Transmitter is not paired with any Receiver. If it is glowing steadily, it has paired with a Receiver.
- **POWER LED.** The Power LED is used to display the state of the Receiver's power. If unlit, the device is off. If lit, the device is on.
- **USB port.** The **USB** port is used to connect a USB stick drive to the Receiver when a firmware update is available. See "错误！未找到引用源。" for more details.
- **MENU and SELECT buttons.** The MENU and SELECT buttons are used together to access the GUI menu. Pressing the **MENU** button selects an option, and pressing the **SELECT** button saves the setting. And you can reset the receiver by holding the **MENU** button for more than five (5) seconds and then releasing the button.
Note: You can access the GUI menu when the receiver has connected to the transmitter or when the receiver has not paired with any transmitter.
- **Power Port.** The **5V DC / 2A** power port is used to connect the Receiver to a power source.
- **HDMI Out to TV Port.** The **HDMI Out to TV** port is used, via an HDMI cable, to connect the Receiver to an HDMI-ready display, such as a high-definition TV.
- **IR Ext Port.** The **IR Ext** port is used to connect the IR Receiver cable, used to extend the range of the source device's remote control (in conjunction with the IR Blaster cable connected to the Transmitter).
Note: The use of the IR Receiver Extension Cable is optional.

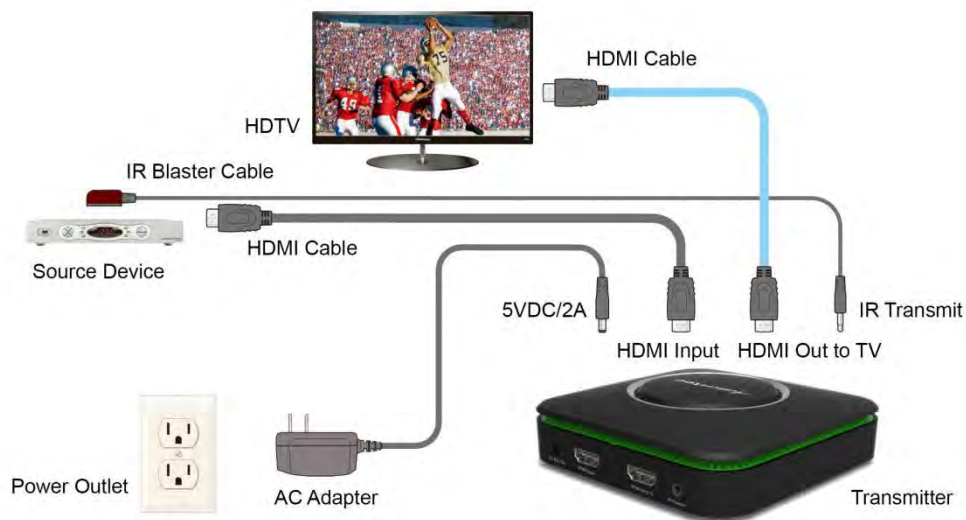
Part II. Connecting MyWirelessTV 3

Connecting MyWirelessTV consists of two parts: connecting the Transmitter to a source of high-definition video, and connecting the receiver to a high-definition television monitor. This chapter will take you through both procedures, as well as setting up the IR Blaster and IR Receiver to allow you to use the remote control of the source device in the location you are watching (or playing) your content.

2.1. Typical MyWirelessTV Connection Configuration

2.1.1. Transmitter

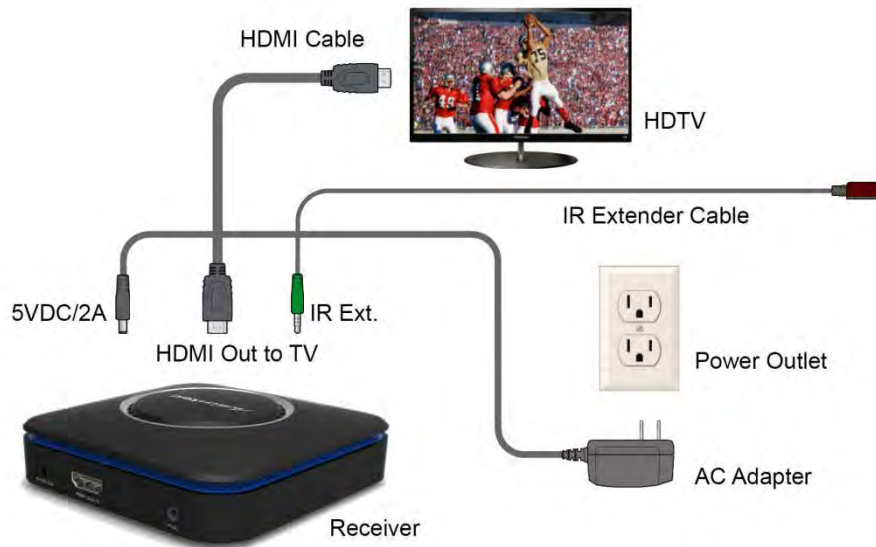
A typical connection for the Transmitter is shown below:



Note: Connecting a TV to the **HDMI Out to TV** port is optional.

2.1.2. Receiver

A typical connection for the Receiver is shown below:



2.2. Connecting the MyWirelessTV Transmitter

You should install the Transmitter near the video source device (settop box, Blu-ray player, gaming console, etc.). Follow the procedure below to set up the MyWirelessTV transmitter:

1. Select the source device (i.e. a Cable/Satellite set-top box or Blu-ray player) you wish to transmit signal to the TV, and power off that device. Get the Wireless HD Video Transmitter unit from MyWirelessTV 3 Kit box.
2. (Optional) If the source device is previously connected to an HDTV, unplug the HDMI cable from the back of the source, and then plug the free end of the HDMI cable into the **HDMI Out to TV** port on the back of the Transmitter.
3. Otherwise, get an HDMI cable from MyWirelessTV 3 Kit box. Plug one end into the **HDMI Input** port on the back of the Transmitter.
4. Plug the other end into an HDMI port on the source device. This cable should now connect the Transmitter to the source device.
5. Get one power supply from the MyWirelessTV kit box and plug the connector of the power cord into the **5VDC / 2A** (Power) port on the Transmitter. Plug the AC adapter of the power supply into a power outlet.
6. Verify that the **POWER** LED is solid green.
7. Turn on the HDTV and the video source device, and make sure you can see video from your source device.

2.3. Connecting the MyWirelessTV Receiver

You should install the Receiver near the HDTV monitor where you intend to watch the content being streamed from the source device.

1. Get the Wireless HD Video Receiver, HDMI cable and power supply. Go to the TV that you want to connect.

2. Plug one end of the HDMI cable into an HDMI port on the HDTV monitor.
3. Plug the other end of the HDMI cable into the **HDMI Out to TV** port on the Receiver.
4. Plug the connector of the power cord into the **5VDC / 2A** port on the Receiver. And plug the AC adapter of the power supply into a power outlet.
5. Verify that the **POWER** LED on the Receiver is SOLID green.
6. Wait for a bit as the Receiver connects to the Transmitter. The **LINK** LED should show SOLID Green once they're connected.
7. Turn on the TV and switch the source to the HDMI input that the Receiver is connected to. You should see content being streamed from the source device.

2.4. Setting up IR Control

The IR Blaster Cable connects to your Wireless HD Video Transmitter. The IR Blaster can receive IR signal from your source device's remote control over MyWirelessTV network, and emits the IR signal to control the source device. Thus, you can control the source device from wherever the TV and Wireless HD Video Receiver are located.

The IR Receiver Extension Cable extends the IR receiver of the Wireless HD Video Receiver. Thus, it allows the Receiver to receive IR signal from the remote control, if the device is placed in an area where IR signal is not in line-of-sight of the source's remote control. Use of this cable is optional.

Note: If the Receiver and Transmitter are in the same room, setting up IR Blaster cable is not required.

2.4.1. Connecting the IR Blaster Cable

The IR Blaster cable receives the source device remote control signal from the Receiver and delivers it to the source device.

1. Get the IR Blaster cable from the MyWirelessTV kit box. The IR Blaster cable has a black connector.
2. Plug the black connector of the IR Blaster cable into the **IR Transmit** port on the Transmitter.
3. Locate the Infrared (IR) sensor on your source device box.
4. The IR Blaster head comes with a hook-and-loop fastener. Detach the loop strip from the fastener, and peel off the release liner of the adhesive tape. Stick the loop strip near the Infrared (IR) sensor on your source device.
5. Mount the IR Blaster head by attaching the hook and loop strips together.

2.4.2. Connecting the IR Receiver Extension Cable

The IR Receiver Extension Cable receives signals from the source device remote control and sends them back to the source device.

1. Get the IR Receiver Extension Cable from the MyWirelessTV kit. The IR Receiver Extension Cable has a green connector.

2. Plug the IR Receiver Extension Cable's green connector into the green **IR Ext** port on the Receiver.
3. Remove the protective covering of the double-stick tape and attach the flat end of the IR Receiver Extension Cable to the front corner of the HDTV monitor's bezel or frame.

You should now be able to use the remote control of the source device from the location of the HDTV monitor to which you are streaming content.

Note: The use of the IR Receiver Extension Cable is optional. You can use this cable when the receiver is mounted behind a TV or hidden away from line-of-sight of the remote control.

Appendix I. Specifications

This chapter lists the specifications of the MyWirelessTV 3 devices.

Video:

- H.264 video compression
- Supports up to 3840*2160@60fps in oneTx to one Rx setup

Audio:

- Non-compressed LPCM
- Pass-through 5.1 surround

A/V interface:

- Transmitter: One HDMI input & one HDMI pass-through
- Receiver: One HDMI output

Wireless:

- 802.11 AC-Wireless
- Operates on 5GHz frequency
- AES 128-bit WPS pairing
- Range: up to 100 ft.

Content Protection: HDCP 2.x for HDMI

Power:

- Input: 5V/2A
- Consumption: ~5W

LED Indicators:

- Transmitter: Link, Power
- Receiver: Link, Power

Mechanical:

- Weight(per unit): ? lb. (?g)
- Dimensions (W x D x H) (per unit): 4.53 x 4.53 x 1.40 in. (115.0x 115.0x 35.5mm)
- Color: Glossy black

Environmental:

- Operating temperature: 0°C to 40°C (32°F to 104°F)
- Storage temperature: 0°C to 70°C (32°F to 158°F)
- Operating humidity: 10% to 85%, non-condensing
- Storage humidity: 5% to 90%, non-condensing

Regulatory and compliance:

-

Warranty:

- One (1) year limited